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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/715,942	11/18/2003	Norman Castellani	12504US04 4458		
7590 08/06/2004			EXAMINER		
Kirk A. Vander Leest McAndrews, Held & Malloy, Ltd. 34th Floor 500 West Madison Street Chicago, IL 60661			PATEL, DHIRUBHAI R		
			ART UNIT	PAPER NUMBER	
			2831		
			DATE MAILED: 08/06/2004		

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application	No.	Applicant(s)				
Office Action Summary		10/715,942		CASTELLANI ET AL.				
		Examiner		Art Unit				
		DHIRU R PA		2831				
Ti Period for R	he MAILING DATE of this communicate eply	tion appears on the c	over sheet with the c	orrespondence ad	ddress			
THE MAI - Extensions after SIX (- If the peric - If NO peric - Failure to Any reply	TENED STATUTORY PERIOD FOR LING DATE OF THIS COMMUNICAS of time may be available under the provisions of 3 (6) MONTHS from the mailing date of this communi od for reply specified above is less than thirty (30) do do for reply is specified above, the maximum statut reply within the set or extended period for reply will received by the Office later than three months after tent term adjustment. See 37 CFR 1.704(b).	ATION. 7 CFR 1.136(a). In no event, cation. ays, a reply within the statutor pry period will apply and will ex, by statute, cause the applica	however, may a reply be tim y minimum of thirty (30) days xpire SIX (6) MONTHS from tion to become ABANDONEI	nely filed s will be considered time the mailing date of this o D (35 U.S.C. § 133).				
Status								
1)⊠ Re:	sponsive to communication(s) filed (on <u>17 June</u> 2004.						
		☐ This action is non	-final.					
3)☐ Sin	-							
· clo	closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.							
Disposition	of Claims							
4)⊠ Cla	☑ Claim(s) <u>1-28</u> is/are pending in the application.							
4a)	Of the above claim(s) is/are	withdrawn from consi	deration.					
5)∐ Cla	im(s) is/are allowed.							
6)⊠ Cla	im(s) <u>1-28</u> is/are rejected.							
7) <u></u> Cla	im(s) is/are objected to.							
8)∐ Cla	im(s) are subject to restrictio	n and/or election requ	uirement.					
Application (Papers							
9)[] The	specification is objected to by the E	xaminer.						
10)□ The	0)☐ The drawing(s) filed on is/are: a)☐ accepted or b)☐ objected to by the Examiner.							
Арр	olicant may not request that any objectio	n to the drawing(s) be h	neld in abeyance. See	e 37 CFR 1.85(a).				
Rep	placement drawing sheet(s) including the	e correction is required	if the drawing(s) is obj	ected to. See 37 C	FR 1.121(d).			
11) The	oath or declaration is objected to be	y the Examiner. Note	the attached Office	Action or form P	ΓΟ-152.			
Priority unde	er 35 U.S.C. § 119							
12) <u></u> Ack	nowledgment is made of a claim for	foreign priority under	· 35 U.S.C. § 119(a)	-(d) or (f).				
	ll b)☐ Some * c)☐ None of:	• • •	• ()	., .,				
1.[Certified copies of the priority do	cuments have been r	eceived.					
2.	Certified copies of the priority do	cuments have been r	eceived in Application	on No				
3.	Copies of the certified copies of t	he priority documents	s have been receive	d in this National	Stage			
	application from the International	Bureau (PCT Rule 1	7.2(a)).					
* See t	the attached detailed Office action for	or a list of the certified	I copies not received	d.				
Attachment(s)								
` `	References Cited (PTO-892)	A	☐ Interview Summary ((PTO-413)				
2) 🔲 Notice of D	Draftsperson's Patent Drawing Review (PTO-	948)	Paper No(s)/Mail Da	te				
	n Disclosure Statement(s) (PTO-1449 or PT0 s)/Mail Date		Notice of Informal Pa	atent Application (PT0	D-152)			
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Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public

use or on sale in this country, more than one year prior to the date of application for patent in the United

States.

1. Claims 18 and 20 are rejected under 35 U.S.C. § 102(b) as being anticipated by Bonilla

et al (6,114,623).

Bonilla et al disclose:

Assembly of the device of Bonilla et al comprises method step of:

Regarding claim 18, a method of delivering flush poke-through wiring fitting 10 (see fig 1,

column 2 lines 59-65) that is adapted to be supported in a floor opening in a floor of a building

structure (see fig 1, column 1 lines 10-20), the method comprising: providing a cover 30 that

overlies the fitting and has an upper surface (see fig 1); mounting four communication/data

jacks 20 within the fitting such that the communication/data jacks do not extend upwardly

beyond the upper surface of the cover (see fig 1); mounting four separately formed simplex

power receptacles 18 within the fitting such that the simplex power receptacles do not extend

upwardly beyond the upper surface of the cover (see fig 1).

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Regarding claim 20, further comprising wiring at least two of the simplex power receptacles in separate electrical circuits (see column 2 lines 1-7). It is noted that the modified assembly of Bonilla et al meet the structural limitations.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103 (a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(f) or (g) prior art under 35 U.S.C. 103(a).

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2. Claims 1-2, 4-7,9-11,13-14, 16-17, 21-22, and 24-28 are rejected under 35 U.S.C. § 103 (a) as being unpatentable over Whitehead (6,417,446).

Whitehead discloses:

Regarding claim 1, a poke-through fitting 10 (see fig 1, column 4 lines 35-40) of the type that is adapted to be supported in a circular opening 12 in a floor 14 of a building structure (see fig. 2, entire column 2 and column 4 lines 35-67), the fitting comprising: an insert sized 20 (body, see figs 1-2, entire column 2 and column 5 lines 4-65) for insertion into the circular floor opening (see figs 1-2 and entire abstract as well as entire column 2); and four simplex power receptacles 98,99 with a housing and supported by the insert (see figs 5-7), but fails to disclose each of said simplex power receptacle having a respective housing. It would have been obvious to one having ordinary skill in the art at the time the invention was made to provide the assembly of Whitehead with each of said simplex power receptacle having a respective housing, since it has been held that forming in one piece an artical which has formerly been formed in two pieces and put together involves only routine skill in the art. Howard v. Detroit Stove Works, 150 U.S. 164 (1893). Please note that Whitehead disclosed that device 10 may be modified to provide only a single receptacle, e.g. 99 receptacle, see column 8 lines 2 and also disclosed that those skilled in the art will realize that various changes and modifications may be made to the invention without departing from the invention, see column 9 lines 7-13. In addition, it has been held that the recitation that an element is "adapted to" perform a function is not a positive limitation but only requires the ability to so perform. It does not constitute a limitation in any patentable sense. In re.

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Hutchison, 69 USPQ 138. It is noted that the modified assembly of Whitehead meet the structural limitations.

Regarding claim 2, the modified assembly of Whitehead disclose all the features of the claimed invention as shown above, including the simplex receptacles are configured to snap fit into a portion of the insert (see fig 1, and entire column 6).

Regarding claim 4, the modified assembly of Whitehead disclose all the features of the claimed invention as shown above, including at least two of the simplex power receptacles are wired in separate electrical circuits (see fig 7 and entire column 6). It is noted that the modified assembly of Whitehead meet the structural limitations.

Regarding claim 5, the modified assembly of Whitehead disclose all the features of the claimed invention as shown above, including a cover 136 assembly overlying the insert (see fig 3A), the cover assembly including access covers 150 (see fig 3A and entire column 7) for selectively covering and exposing the simplex power receptacles (see fig 3A and entire column 7).

Regarding claim 6, a poke-through fitting 10 (see fig 1, column 4 lines 35-40) of the type that is adapted to be supported in a circular opening 12 in a floor 14 of a building structure (see fig 2, entire column 2 and column 4 lines 35-67), the fitting comprising: an insert sized 20 (body,see figs 1-2, entire column 2 and column 5 lines 4-65) for insertion into the circular floor opening (see figs 1-2 and entire abstract as well as entire column 2); and four simplex power receptacles 98,99 with a housing and supported by the insert (see figs 5-7), and four communication/data jacks 126, 127, 162 supported within the insert (please note that a wing 162 which allows the mounting of two additional data jacks, see fig 6, and entire column 7 and

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column 8). But fails to disclose each of said simplex power receptacle having a respective housing. It would have been obvious to one having ordinary skill in the art at the time the invention was made to provide the assembly of Whitehead with each simplex power receptacle having a respective housing, since it has been held that forming in one piece an artical which has formerly been formed in two pieces and put together involves only routine skill in the art. Howard v. Detroit Stove Works, 150 U.S. 164 (1893). Please note that Whitehead disclosed that device 10 may be modified to provide only a single receptacle, e.g. 99 receptacle, see column 8 lines 2 and also disclosed that those skilled in the art will realize that various changes and modification may be made to the invention without departing from the invention, see column 9 lines 7-13. In addition, it has been held that the recitation that an element is "adapted to" perform a function is not a positive limitation but only requires the ability to so perform. It does not constitute a limitation in any patentable sense. In re. Hutchison, 69 USPQ 138. It is noted that the modified assembly of Whitehead meet the structural limitations.

Regarding claim 7, the modified assembly of Whitehead disclose all the features of the claimed invention as shown above, including the simplex receptacles are configured to snap fit into a portion of the insert (see fig 1, and entire column 6).

Regarding claim 9, the modified assembly of Whitehead disclose all the features of the claimed invention as shown above, including at least two of the simplex power receptacles are wired in separate electrical circuits (see fig 7 and entire column 6). It is noted that the modified assembly of Whitehead meet the structural limitations.

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Regarding claim 10, the modified assembly of Whitehead disclose all the features of the claimed invention as shown above, including a cover 136 assembly overlying the insert (see fig 3A), the cover assembly including access covers 150 (see fig 3A and entire column 7) for selectively covering and exposing the simplex power receptacles (see fig 3A and entire column 7).

Regarding claim 11, a poke-through fitting 10 (see fig 1, column 4 lines 35-40) of the type that is adapted to be supported in a circular opening 12 in a floor 14 of a building structure (see fig 2, entire column 2 and column 4 lines 35-67), the fitting comprising: an insert sized 20 (body, see figs 1-2, entire column 2 and column 5 lines 4-65) for insertion into the circular floor opening (see figs 1-2 and entire abstract as well as entire column 2); the insert having an upper end adjacent to the floor and having a chamber defined therein which extends downwardly from the upper end (see fig 2), a cover 136 overlying the insert (see fig 3A), the cover having an upper surface and four simplex power receptacles 98,99 with a housing and supported by the insert (see fig 7), and four communication/data jacks 126, 127. 162 mounted within the fitting (please note that a wing 162 which allows the mounting of two additional data jacks, see fig 6, and entire column 7 and column 8). But fails to disclose each simplex power receptacle having a respective housing. It would have been obvious to one having ordinary skill in the art at the time the invention was made to provide the assembly of Whitehead with each simplex power receptacle having a respective housing, since it has been held that forming in one piece an artical which has formerly been formed in two pieces and put together involves only routine skill in the art. Howard v. Detroit Stove Works, 150 U.S.

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164 (1893). Please note that Whitehead disclosed that device 10 may be modified to provide only a single receptacle, e.g. 99 receptacle, see column 8 lines 2 and also disclosed that those skilled in the art will realize that various changes and modification may be made to the invention without departing from the invention, see column 9 lines 7-13. In addition, it has been held that the recitation that an element is "adapted to" perform a function is not a positive limitation but only requires the ability to so perform. It does not constitute a limitation in any patentable sense. In re. Hutchison, 69 USPQ 138. It is noted that the modified assembly of Whitehead meet the structural limitations.

Regarding claim 13, the modified assembly of Whitehead disclose all the features of the claimed invention as shown above, including at least two of the simplex power receptacles are wired in separate electrical circuits (see fig 7 and entire column 6). It is noted that the modified assembly of Whitehead meet the structural limitations.

Regarding claim 14, a flush poke-through wiring fitting 10 (see fig 1, column 4 lines 35-40) of the type that is adapted to be supported in a floor opening 12 in a floor 14 of a building structure (see fig 2, entire column 2 and column 4 lines 35-67), the poke-through fitting comprising: an insert sized 20 (body,see figs 1-2, entire column 2 and column 5 lines 4-65) for insertion into the circular floor opening (see figs 1-2 and entire abstract); a cover 136 overlying the insert (see fig 3A), the cover having an upper surface; and four simplex power receptacles 98,99 with a housing and mounted within the fitting in a protected fashion such that the power receptacles do not extend upwardly beyond the upper surface of the cover (see fig 2). But fails to disclose each of said simplex power receptacle having a respective housing. It would have been obvious to one having ordinary skill in the art at the time the invention was

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made to provide the assembly of Whitehead with each simplex power receptacle having a respective housing, since it has been held that forming in one piece an artical which has formerly been formed in two pieces and put together involves only routine skill in the art.

Howard v. Detroit Stove Works, 150 U.S. 164 (1893). Please note that Whitehead disclosed that device 10 may be modified to provide only a single receptacle, e.g. 99 receptacle, see column 8 lines 2 and also disclosed that those skilled in the art will realize that various changes and modification may be made to the invention without departing from the invention, see column 9 lines 7-13. In addition, it has been held that the recitation that an element is "adapted to" perform a function is not a positive limitation but only requires the ability to so perform. It does not constitute a limitation in any patentable sense. In re.

Hutchison, 69 USPQ 138. It is noted that the modified assembly of Whitehead meet the structural limitations.

Regarding claim 16, a poke-through fitting 10 (see fig 1, column 4 lines 35-40) of the type that is adapted to be supported in a circular opening 12 in a floor 14 of a building structure (see fig 2, entire column 2 and column 4 lines 35-67), the fitting comprising: four communication/data jacks 126,127, 162 mounted within the fitting (please note that a wing 162 which allows the mounting of two additional data jacks, see fig 6, and entire column 7 and column 8), the communication/data jacks being arranged in a longitudinal row (see fig 6); first and second simplex electrical receptacles with a housing disposed on a first lateral side of the communication/data jack (see fig 6); and third and fourth simplex receptacles disposed on a second lateral side of the communication data jacks (see figs 5-6), But fails to disclose each

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simplex power receptacle having a respective housing. It would have been obvious to one having ordinary skill in the art at the time the invention was made to provide the assembly of Whitehead with each simplex power receptacle having a respective housing, since it has been held that forming in one piece an artical which has formerly been formed in two pieces and put together involves only routine skill in the art. Howard v. Detroit Stove Works, 150 U.S. 164 (1893). Please note that Whitehead disclosed that device 10 may be modified to provide only a single receptacle, e.g. 99 receptacle, see column 8 lines 2 and also disclosed that those skilled in the art will realize that various changes and modification may be made to the invention without departing from the invention, see column 9 lines 7-13. In addition, it has been held that the recitation that an element is "adapted to" perform a function is not a positive limitation but only requires the ability to so perform. It does not constitute a limitation in any patentable sense. In re. Hutchison, 69 USPQ 138. It is noted that the modified assembly of Whitehead meet the structural limitations.

Regarding claim 17, the modified assembly of Whitehead disclose all the features of the claimed invention as shown above, including the first pair of the simplex power receptacles are wired in separate electrical circuits from the second pair of simplex receptacles (see fig 7 and entire column 6). It is noted that the modified assembly of Whitehead meet the structural limitations.

Assembly of the device of Whitehead comprises method step of:

Regarding claim 21, a method for providing a poke-through fitting 10 (see fig1, column 4 lines 35-40) of the type that is adapted to be supported in a circular opening 12 in a floor 14 of a building structure (see fig 2, entire column 2 and column 4 lines 35-67), the method

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comprising: providing an insert sized 20 (see figs 1 and 6, entire column 2, column 5 lines 4-65) for insertion into the circular floor opening (see figs 1-2, entire abstract as well as entire column 2); and mounting four simplex power receptacles 98,99 within said insert (see figs 1 and 6). But fails to disclose each of said simplex power receptacle having a respective housing. It would have been obvious to one having ordinary skill in the art at the time the invention was made to provide the assembly of Whitehead with each simplex power receptacle having a respective housing, since it has been held that forming in one piece an artical which has formerly been formed in two pieces and put together involves only routine skill in the art. Howard v. Detroit Stove Works, 150 U.S. 164 (1893). Please note that Whitehead disclosed that device 10 may be modified to provide only a single receptacle, e.g. 99 receptacle, see column 8 lines 2 and also disclosed that those skilled in the art will realize that various changes and modification may be made to the invention without departing from the invention, see column 9 lines 7-13. In addition, it has been held that the recitation that an element is "adapted to" perform a function is not a positive limitation but only requires the ability to so perform. It does not constitute a limitation in any patentable sense. In re. Hutchison, 69 USPQ 138. It is noted that the modified assembly of Whitehead meet the structural limitations.

Regarding claim 22, the modified assembly of Whitehead disclose all the features of the claimed invention as shown above, including wherein the simplex receptacles are configured to snap fit into a portion of the insert (see fig 6).

Regarding claim 24, the modified assembly of Whitehead disclose all the features of the claimed invention as shown above, including wiring at least two of the simplex receptacles in

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separate electrical circuits (see fig 7 and entire column 6). It is noted that the modified assembly of Whitehead meet the structural limitations.

Regarding claim 25, the modified assembly of Whitehead disclose all the features of the claimed invention as shown above, including a cover 136 assembly including access covers 150 (see fig 3A and entire column 7) for selectively covering and exposing the simplex power receptacles (see fig 3A and entire column 7). It is noted that the modified assembly of Whitehead meet the structural limitations.

Regarding claim 26, a method for providing a poke-through fitting 10 (see fig 1, column 4 lines 35-40) of the type that is adapted to be supported in a circular opening 12 in a floor 14 of a building structure (see fig 2, entire column 2 and column 4 lines 35-67), the method comprising: providing an insert sized 20 (body, see figs 1 and 6, entire column 2, column 5 lines 4-65) for insertion into the circular floor opening (see fig 2); mounting four separately formed simplex power receptacles 98,99 within the insert; and mounting four communication/data jacks 126,127, 162 within the insert (please note that a wing 162 which allows the mounting of two additional data jacks, see fig 6, and entire column 7 and column 8). But fails to disclose each of said simplex power receptacle having a respective housing. It would have been obvious to one having ordinary skill in the art at the time the invention was made to provide the assembly of Whitehead with each simplex power receptacle having a respective housing, since it has been held that forming in one piece an artical which has formerly been formed in two pieces and put together involves only routine skill in the art. Howard v. Detroit Stove Works, 150 U.S. 164 (1893).

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Please note that Whitehead disclosed that device 10 may be modified to provide only a single receptacle, e.g. 99 receptacle, see column 8 lines 2 and also disclosed that those skilled in the art will realize that various changes and modification may be made to the invention without departing from the invention, see column 9 lines 7-13. In addition, it has been held that the recitation that an element is "adapted to" perform a function is not a positive limitation but only requires the ability to so perform. It does not constitute a limitation in any patentable sense. In re. Hutchison, 69 USPQ 138. It is noted that the modified assembly of Whitehead meet the structural limitations.

Regarding claim 27, a method for providing a poke-through wiring fitting 10 (see fig 1, column 4 lines 35-40) of the type that is adapted to be supported in a circular floor opening 12 in a floor 14 of a building structure (see fig 2, entire column 2 and column 4 lines 35-67), the method comprising: mounting four communication/data jacks 126, 127, 162 (please note that a wing 162 which allows the mounting of two additional data jacks, see fig 6, and entire column 7 and column 8), the communication/data jacks being arranged in a longitudinal row; mounting first and second simplex power receptacles 98, 99 on a first lateral side of the communication/data jack; the first and second simplex power receptacles 98, 99 with a housing, mounting third and fourth simplex power receptacles 98, 99 with a housing. But fails to disclose each of said simplex power receptacle (first, second, third and fourth) having a respective housing. It would have been obvious to one having ordinary skill in the art at the time the invention was made to provide the assembly of Whitehead with each

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simplex power receptacle having a respective housing, since it has been held that forming in one piece an artical which has formerly been formed in two pieces and put together involves only routine skill in the art. Howard v. Detroit Stove Works, 150 U.S. 164 (1893). Please note that Whitehead disclosed that device 10 may be modified to provide only a single receptacle, e.g. 99 receptacle, see column 8 lines 2 and also disclosed that those skilled in the art will realize that various changes and modification may be made to the invention without departing from the invention, see column 9 lines 7-13. In addition, it has been held that the recitation that an element is "adapted to" perform a function is not a positive limitation but only requires the ability to so perform. It does not constitute a limitation in any patentable sense. In re. Hutchison, 69 USPQ 138. It is noted that the modified assembly of Whitehead meet the structural limitations. It is noted that the modified assembly of Whitehead meet the structural limitations.

Regarding claim 28, the modified assembly of Whitehead disclose all the features of the claimed invention as shown above, including wiring the first pair of simplex power receptacles 18 are in a separate electrical circuit from the second pair of simplex receptacles (see fig 7 and entire column 6).

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3. Claims 3,8,12,15, and 23 are rejected under 35 U.S.C. § 103 (a) as being unpatentable over Whitehead (6,417,446) in view of Bonilla et al (6,114,623).

Regarding claims 3, 8, 12, 15, 23, the modified assembly of Whitehead disclose all the features of the claimed invention as shown above, but fails to disclose a fire stopping material disposed in the insert, please note that Bonilla et al disclosed that fire-rated poke through fittings are generally known in the art (see column 3 lines 13-15).

it would have been an obvious matter of design choice to use a fire stopping material disposed in the insert, since applicant has not disclosed that a fire stopping material disposed in the insert solves any stated problem or is for any particular purpose and it appears that the invention would perform equally well with if designed with said insert of Bonilla et al. With respect to claims 12, and 15, the floor opening formed in the floor and with the poke-through wiring fitting supported in the floor opening, is substantially the same as the fire rating of the floor without the floor opening formed in the floor (see 1).

4. Claim 19 is rejected under 35 U.S.C. § 103 (a) as being unpatentable over Bonilla et al (6,114,623).

Bonilla et al disclose :

Regarding claim 19, the assembly of Bonilla et al disclose all the features of the claimed invention as shown above, but fails to disclose a fire stopping material disposed in the insert, please note that Bonilla et al disclosed that fire-rated poke through fittings are generally known in the art (see column 3 lines 13-15).

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it would have been an obvious matter of design choice to use a fire stopping material disposed in the insert, since applicant has not disclosed that a fire stopping material disposed in the insert solves any stated problem or is for any particular purpose and it appears that the invention would perform equally well with if designed with said insert of Bonilla et al. With respect to the floor opening formed in the floor and with the poke-through wiring fitting supported in the floor opening, is substantially the same as the fire rating of the floor without the floor opening formed in the floor (see fig 1).

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Response to Arguments

Applicant's arguments with respect to claims 1-28 have been considered but are moot in view of the new ground(s) of rejection.

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Contact information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dhiru Patel whose telephone number is 571-272-1983. The examiner can normally be reached on Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dean Reichard can be reached on 571-272-2800 ext 31. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pairdirect.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll free).

Dhiru Patel

Primary Examiner

Group Art Unit 2831

August 5, 2004

DHIRUR. PATEL

DhiruR Pull

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